

**STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION**

STAFF REPORT FOR REGULAR MEETING OF JULY 14, 2011
Prepared June 16, 2011

ITEM NUMBER: 7

SUBJECT: Staff Closures

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This Action: Information/Discussion

This staff report summarizes information for one Central Coast Water Board staff-closed Underground Storage Tank (UST) case. Central Coast Water Board staff closed this site because the wastes in soil do not pose a threat to human health and the environment and the groundwater beneath the site has reached water quality goals that are protective of beneficial uses. No Central Coast Water Board action is necessary for this item.

For the site listed in this report, closure reflects a tangible water quality outcome, meaning groundwater has been restored such that it meets water quality goals sufficient for the designated beneficial uses. Table 1 below provides case closure targets for the current fiscal year (July 1, 2011 – June 30, 2012) and progress to date in achieving those tangible water quality outcomes.

**Table 1
Case Closure Performance Scoreboard**

Program	2010-2011 Fiscal Year ¹ Case Closure		2011-2012 Fiscal Year ² Case Closure Target	Case Closures To Date ^{3,4}
	Target	Outcome ³		
Underground Storage Tanks	17	15 ^{3,4}	17	1
Site Cleanup	12	9	12	0

Notes:

- ¹ Fiscal Year 2010-2011 runs July 1, 2010 to June 30, 2011.
- ² Fiscal Year 2011-2012 runs July 1, 2011 to June 30, 2012.
- ³ Final closure letters are not issued for sites until the responsible party submits documentation of proper well abandonment.
- ⁴ This total includes sites with pending well destruction and does not include Recommended Closures on the current agenda.

UNDERGROUND STORAGE TANK CASE CLOSURE:

San Lorenzo Elementary School, 7155 Highway 9, Felton, Santa Cruz County; Case No 3317
[Tom Sayles 805-542-4640]

Central Coast Water Board staff plans to close this underground storage tanks (UST) case where groundwater sample results indicate petroleum hydrocarbon constituents, including total petroleum hydrocarbons (TPH), benzene, and methyl tertiary butyl ether (MTBE) are below the

Central Coast Water Board's cleanup goals. The site is an elementary school at 7155 Highway 9 in Felton. Currently no USTs are present at the subject site.

In December 2000 LAS (consultant) excavated and removed one 500-gallon gasoline UST from the site. Approximately 500 gallons of free product mixed with water were also removed from the tank during field activities. Soil samples were collected beneath the tank following the removal activities. Soil sample results indicated a maximum concentration of total petroleum hydrocarbons as gasoline (TPH-G) at 130 milligrams per kilograms (mg/kg) in the soil. A grab groundwater sample collected from the open tank pit showed TPH-G at 13,000 micrograms per liter ($\mu\text{g/L}$). Benzene and methyl *tertiary*-butyl ether (MTBE) were below detection limits in the groundwater sample. Based on the sample results, three groundwater monitoring wells were installed at the site to evaluate the groundwater beneath the site. All results from the groundwater samples were below the Central Coast Water Board's cleanup goals for TPH-G, benzene, and MTBE. The Central Coast Water Board's cleanup goals for TPH-G, benzene, and MTBE are 1,000 $\mu\text{g/L}$, 1 $\mu\text{g/L}$, and 5 $\mu\text{g/L}$, respectively.

The groundwater gradient is towards the south-southeast. Groundwater is at a depth between 13 to 14 feet below groundwater surface. There are no drinking water supply wells within 1/2-mile of the site. Santa Cruz County Environmental Health Services (SCCEHS) staff agrees that no further action is required with respect to this case.

A staff closure letter will be issued to the responsible party based on the following:

1. The extent of the release has been fully characterized,
2. The contaminant source was removed from the site,
3. Lab analysis showed no petroleum hydrocarbon constituents in any of the groundwater monitoring wells.

Based on site investigation, soil cleanup, and groundwater monitoring results, there is no longer a threat to groundwater or surface water quality from the release of petroleum hydrocarbons at this site. Central Coast Water Board staff has no further requirements for soil or groundwater investigation, monitoring, or cleanup at the site. We have notified all known interested parties of our plan to close this case. We have not received any comments or objections to the planned closure of this case. All monitoring wells were destroyed during redevelopment of the property.